A211

RESEARCH PERSPECTIVES

Meeting 2

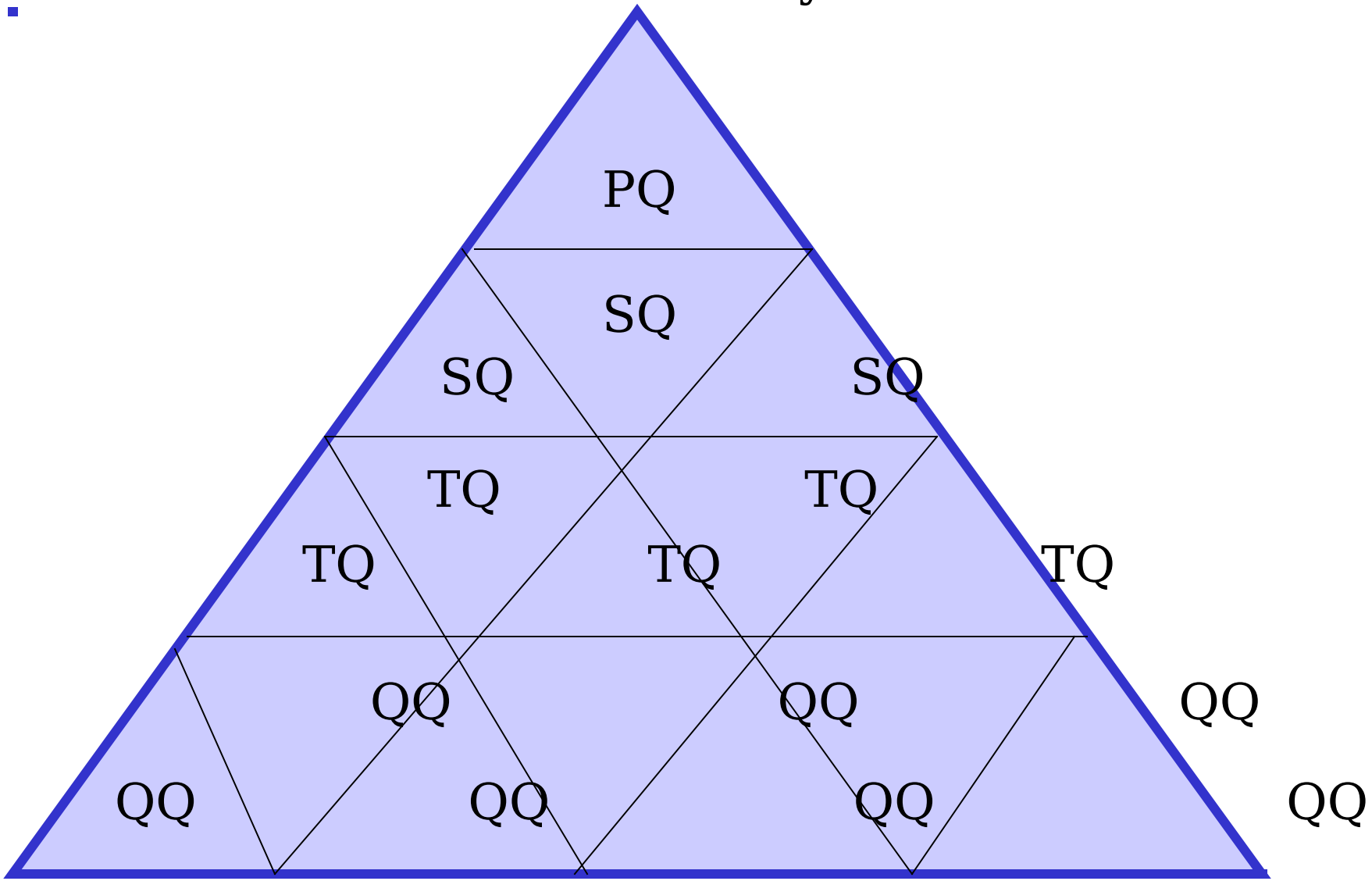
11 August 2000

WHAT IS RESEARCH?

Research is the process of arriving at dependable solutions to problems through the planned and systematic collection, analysis, and interpretation of evidence.

AY CALENDAR	RESEARCH STEPS	USED TO DEVELOP THESIS CHAPTER
AUG	**Defining the Problem**--formulating the research question.	One
SEP	**Reviewing the Literature**--developing the reference list; refining or revising the question.	Two
OCT	**Developing the Research Approach**--selecting methods and techniques; refining the question.	Three
NOV--DEC	**Collecting Evidence**--validating or revising the research question and approach; refining the question.	
JAN--FEB	**Analyzing and Interpreting the Evidence**--validating the research question and approach; determining if research is complete or if more evidence is needed.	Four (Additional chapters may be used)
MAR--APR	**Completing the Research**--developing conclusions; making recommendations for application and further research.	Final Chapter
MAY	**Reporting Research Results**--submitting the final thesis.	All Chapters

The Research Pyramid



WHAT IS A THESIS?

The Ideal Thesis Is:

1. Research-Based
2. Objectively Reasoned
3. Contributive to Field
4. Single-Issue Focused
5. 75-100 Pages
6. Reasonable Depth
7. Fluently Written
8. Properly Documented
9. Immaculately Prepared
10. “Doable”

MMAS Thesis Model

Five Chapter Format

1. Introduction
2. Literature Review
3. Methodology
4. Analysis
5. Conclusion

Format variations encouraged as needed (topic/committee). See ST 20-10.

WHAT IS A PROSPECTUS?

The Prospectus

1. Provides essential information
2. States the problem
3. States the research question(s)
4. Qualifies the researcher
5. Projects Chapters 1, 2, 3
6. Initiates the reference list

MEMORANDUM FOR: DGDP

SUBJECT: MMAS Prospectus

1. **Essential Information: Please provide the following.**

    a. **Submitted by: Rank, Name, Branch, and Section**
    b. **Proposed Topic (by Working Title):**
    c. **Proposed Research Committee:**
        (1) Chair: Rank, Name, Depart/Phone
        (2) Second Reader: Rank, Name, Depart/Phone
        (3) Third Reader: Rank, Name, Depart/Phone
    d. **ACE: Rank, Name, Department, Phone**
    e. **Focused Program**
    f. **Problem Statement**
    g. **Proposed Research Question**
    h. **Qualifications**

2. **Thesis**
    a. **Chapter One**
    b. **Chapter Two**
    c. **Chapter Three**
3. **Initial Bibliography**

f. I am considering two proposals for an MMAS project. The first is to complete a research project which will focus on a comparison of the CGSC resident course with the nonresident program being offered by the U.S. Army Reserve Forces (USARF) Schools and how advancing technology in the field of education may impact officer professional education in the future in both the active component and the reserve component.

g. The second proposal would be to seriously investigate the issue of readiness of reserve component forces and how reserve component units should be utilized in the present and future force structure.

f. Problem Statement: This study documents the history and events that led to Native Americans naming black cavalry soldiers “Buffalo Soldiers.” Buffalo Soldiers played a significant role in the settling of the new frontier, yet until recently, history has not told their story. The recent dedication and minting of the Buffalo Soldier stamp and the dedication of Buffalo Soldier monuments around the country serve as reminders of a heritage that America can be proud of. The stories of the contributions of Buffalo Soldiers must be told.

g. Proposed Research Question: How did the black

f. Problem Statement: Junior NCO leadership is a critical part of every infantry company. The majority of leadership development should be given to junior noncommissioned officers (NCOs). However, junior NCO leadership is weak in a majority of infantry battalions. This has been proven in the Combat Training Centers.

g. Proposed Research Question: Why is junior NCO leadership weak in an infantry battalion?

f. Problem Statement: Interoperable communications systems are essential to the success of joint operations, yet the military has a history of interoperability problems. It is currently the role of each of the services to equip its own forces. As a result, different communications systems are acquired by different services, often to accomplish the same basic function. Even though much has been said about the criticality of joint interoperability and technical compatibility standards have been established, the services still do not possess totally compatible communications systems. This problem is most often manifested during the formation of Joint Task Forces.

g. Proposed Research Question: Should the Joint

f. Problem Statement: During the last 25 years, many countries have committed military forces, both unilaterally and multilaterally in support of peace operations. The 1994 National Security Strategy Act establishes the requirement for the U.S. military forces to prepare for peace operations in addition to preparing for major regional contingencies. The current U.S. Army doctrine, force structure, and training have been developed to support the primary mission to deter and, if necessary, to fight and win major regional conflicts. However, based on recent world events, there is a high probability that the U.S. Army, to include aviation units, will be called upon to support peace operations.

g. Proposed Research Question: Do the current Army Aviation doctrine, force structure, and training programs meet the requirements necessary for the successful employment of

f. Problem Statement: United States Armed Forces are being tasked to expand their capabilities around the world a adjust to declining recourses. Each service offers unique capabilities that must be joined to conduct war or operation other than war. The U.S. Navy has a need for an armed heli in the role of security and reconnaissance for Navy carrier g when it littoral regions. The U.S. Army cavalry troop with th OH-58D Warrior is a security and reconnaissance helicopter can fulfill this requirement.

g. Proposed Research Question: Should the U.S. Navy establish habitual direct support relationships between U.S Army air cavalry troop units configured with OH-58D Warrio and U.S. Navy carrier groups operating in littoral regions.

f. Problem Statement: The 442nd RCT amassed one of the finest records of accomplishments as well as time in combat during World War II. This unit never collapsed from combat fatigue. When individuals from the 442nd did collapse, it was much more severe than in other units with a comparable amount of time on the line. The fact that the 442nd RCT was made up of Japanese-Americans and that many of the volunteers had family members in internment camps had a major impact on their performance in combat.

g. Proposed Research Question: What are the dynamic of the 442nd RCT that allowed it to persevere or not to persevere?

f. Problem Statement: This thesis will attempt to define and analyze what made John T. Simpson such a successful regimental commander during the Korean War. The thesis will focus on historical data, Simpson's leadership characteristics, and the nine principles of leadership.

g. Proposed Research Question: Why was John T. Simpson such a successful leader?

h. Qualifications: My undergraduate degree is in history and my undergraduate thesis was an oral history project titled, "Brigadier General John T. Simpson and the North African

f. Problem Statement: Following the initial amphibious a onto the island, the Cactus Air Force played a significant role defense of Guadalcanal. Much of what has been written con the Cactus Air Force has focused on the exploits of individua the innovative ability of the force to overcome adversity, and major air battles or incidents. Because U.S. forces eventuall the assumption is routinely made that the U.S. employed air effectively. However, no definitive work concerning this topi been conducted.

g. Proposed Research Question: Was air power used effe in the battle for Guadalcanal?

f. Problem Statement: The modern crew station of Army helico uses the helmet as an integral component of the aircraft control sy What was once viewed as a simple device for crash protection, the has evolved into an equipment mounting platform. Aviator helmets support numerous combinations of devices including night vision g chemical mask, oxygen system, head-up display, forward looking in display, flash blindness and laser eye protection, weapon aiming sy all which combine to increase helmet mass and biomechanical stres neck. Recently, head-supported mass criteria was developed for A rotary wing aviators using a model describing the maximum helmet for a particular helmet center-of-mass for short duration training fl (20 minutes). There is currently no information concerning the pos effects of longer duration flights (4 hours) on this new head-suppor mass criteria.

g. Proposed Research Question: Is there an exposure duration for head-supported mass criteria of helmeted Army aviators?

f. Problem Statement: Human Intelligence (HUMINT) aspect of Military Intelligence which is most often cited for i effectiveness in supporting operations other than war (OOTW A significant example of the U.S. Army's involvement in OOT is in Operation UPHOLD DEMOCRACY (OUD). No objective evaluation of HUMINT support to OUD exists.

g. Proposed Research Question: Was HUMINT effectiv support of Operation OPHOLD DEMOCRACY?

f. Problem Statement: Since the beginning of the drug w United States military has been involved in various forms. T role of the military has grown throughout the years. With d local and state funding to support the drug war and an incre drug related criminal acts, how will the United States contin fight the war on drugs with a greater military presence

g. Proposed Research Question: What role will the Unite States military play in the counter-drug war in the future.

f. Problem Statement: Today, the North Atlantic Treaty Organization (NATO) and its members are struggling with the issue of enlarging its membership primarily to Central and Eastern European (CEE) countries. The current problem is whether NATO should invite other countries into the alliance, who should they be and what is the best method of doing so should NATO choose to enlarge its membership?

g. Proposed Research Question: My research will focus on why NATO enlargement is important to the Republic of Italy and how have Italy's attitudes towards NATO enlarge-

f. Problem Statement: SCUD launches during operation Desert Storm and our last minute efforts to combat them demonstrated our nation's lack of preparedness to meet a growing threat. Since Desert Storm, the armed services have worked to field systems to combat tactical ballistic missiles, but little has been written on how these systems would or should be employed, controlled, and coordinated. While there is an abundance of technical information on the status of system developments, and a wealth of historical information on roles, missions, and joint doctrine, a few writers have attempted to suggest how theater ballistic missile defenses will fit into the theater commander's force structure.

g. Proposed Research Question: Should theater missile

f. Problem Statement: The United States recognizes the importance of staying engaged in events in the South Pacific but recent historical events such as the pullout of Vietnam in 1973 and the withdrawal of American forces from the Philippines has left the U.S. with no physical military presence in the region. Indonesia sits astride several key geographic chokepoints and is seeking to increase its influence in the southern Pacific region. Can the United States and Indonesia find common ground to promote their own security interests in the region? What are the implications for the Association of South East Asian Nations (ASEAN)?

f. Problem Statement: This research will explore the his the 24th Infantry Regiment, one of four black regiments for shortly after the civil war and inactivated in 1951. It will lo three distinct periods in the 24th's history: formation in 18 the Spanish American War; service during WWI and WWII; a service in the Korean War. This research will look at the dai lives of the soldiers and officers in the regiment, as well as recruitment, training, and organization, and discuss key diff if any, between it and the white regiments serving at the sa The research will then look at racial perceptions and attitud within the military and in society during those times to see is a correlation between the regiment's successes and failu the racial perceptions and attitudes at the time.

g. Proposed Research Question: Does the history of the Infantry Regiment, a racially segregated regiment that serv continuously from 1869 until 1951, reflect the history of rac attitudes and perceptions in the US Army and American soc

FOURTEEN KEY INITIAL POINTERS

“The secret of getting ahead is getting started.”

--Sally Berger, President

American Businesswomen’s Association

Begin early.

“He who will not answer to the rudder must answer to the rocks.”

Old Mariner’s Motto

Follow the guidance.

“When choosing between two evils, I always like to try the one I’ve never tried before.”

Mae West

Select your topic carefully.

“Anything worth doing is worth doing--slowly.”

Mae West

Use “All Deliberate Speed.”

“Time is nature’s way of assuring that everything doesn’t happen at once.”

The Tappet Brothers
Car Talk

Customize milestones.

“I wasted time,
and now doth time waste me.”

William Shakespeare,
Richard II

Work daily.

“When you make a mistake, admit it. If you don’t, you’ll only make matters worse.”

Ward Cleaver

Be objective.

“You never know where the next great idea will come from, or how far it will take you.”

General Electric

Motto

Exploit serendipity.

“Happiness is having a large, loving, caring, close-knit family, living in another city.”

George Burns

Verbalize your ideas.

“People don’t plan to fail; they only fail to plan.”

Peter F. Drucker

Develop your research plan.

“Avoid conflicts like those in Greek tragedy, where both sides are right, but everyone dies in the end anyway.”

Carlos Moreno
The Way of the World

Heed your

“Life is tough,
but it’s tougher when you’re stupid.”

John Wayne as SGT Stryker

The Sands of Iwo Jima

Set up your computer soon.

“The only reason I would take up jogging is to hear heavy breathing again.”

Erma Bombeck

Stay balanced.

“Honest criticism is hard to take, particularly from a relative, a friend, an acquaintance, or a stranger.”

Franklin P. Jones

Believe in yourself.

“I hate quotations.”

Ralph Waldo Emerson